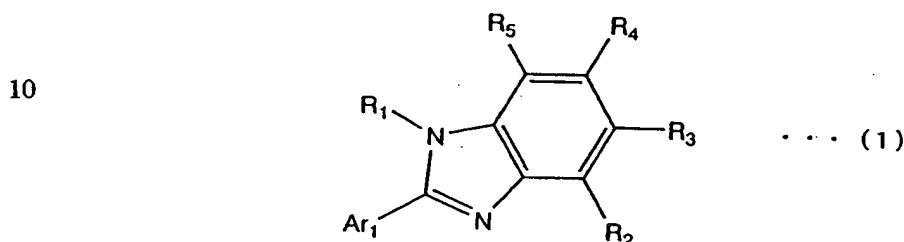


What is claimed is:

1. An electroluminescent element comprising:
a pair of electrodes; and
host materials and guest materials provided between said
5 electrodes and having in their molecules respectively skeletons
represented by the general formula 1:

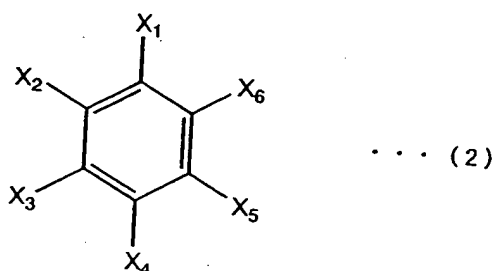
Formula 1



- 15 wherein R1 is a hydrogen atom, a lower alkyl group, an aryl group
which may have a substituent, or a heterocyclic group which may
have a substituent, R2 to R5, each of which may be the same or
different, are individually a hydrogen atom, a halogen atom,
a lower alkyl group, an alkoxy group, an acyl group, a nitro
20 group, a cyano group, an amino group, a dialkylamino group, a
diarylamino group, a vinyl group which may have a substituent,
an aryl group which may have a substituent, or a heterocyclic
group which may have a substituent, and Ar1 is an aryl group
which may have a substituent, or a heterocyclic group which may
25 have a substituent.

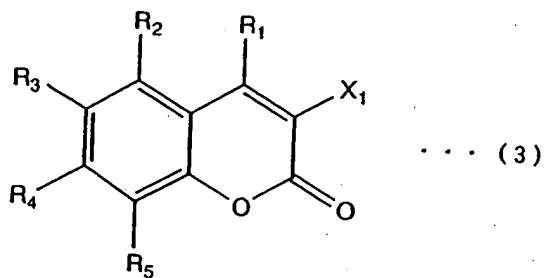
2. An electroluminescent element comprising:
a pair of electrodes;
host materials provided between said electrodes and
5 having in its molecule skeletons represented by the general
formula 2:

Formula 2



15 and guest materials provided between said electrodes and
having in its molecules skeletons represented by the general
formula 3:

Formula 3

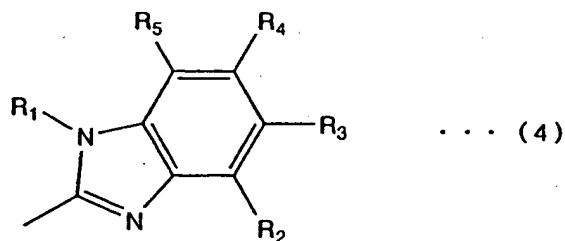


25

wherein R1 is a hydrogen atom, a lower alkyl group, an aryl group which may have a substituent, or a heterocyclic group which may have a substituent, and R2 to R5, each of which may be the same or different, are individually a hydrogen atom, a halogen atom,
5 a lower alkyl group, an alkoxy group, an acyl group, a nitro group, a cyano group, an amino group, a dialkylamino group, a diarylamino group, a vinyl group which may have a substituent, an aryl group which may have a substituent, or a heterocyclic group which may have a substituent;

10 wherein at least one substituent out of substituents X1 to X6 represented by the general formula 2 and a substituent X1 represented by the general formula 3 have an imidazole skeleton represented by the general formula 4:

15 Formula 4



20

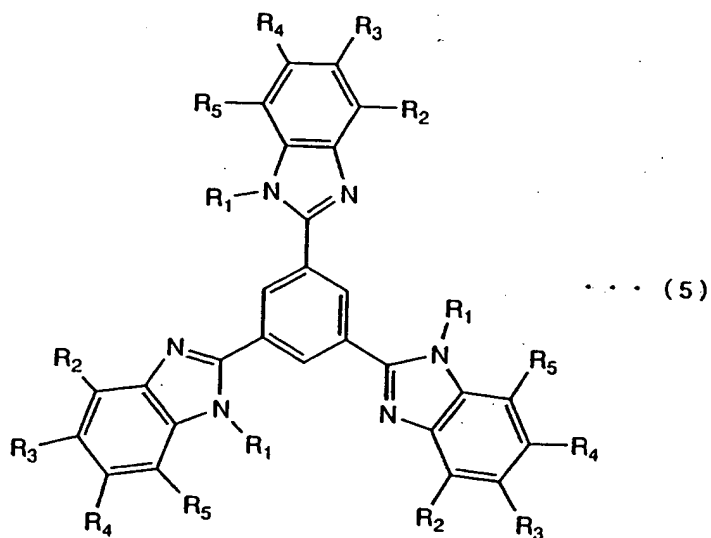
wherein R1 is a hydrogen atom, a lower alkyl group, an aryl group which may have a substituent, or a heterocyclic group which may have a substituent, and R2 to R5, each of which may be the same
25 have a substituent, and R2 to R5, each of which may be the same

or different, are individually a hydrogen atom, a halogen atom,
 a lower alkyl group, an alkoxy group, an acyl group, a nitro
 group, a cyano group, an amino group, a dialkylamino group, a
 diarylamino group, a vinyl group which may have a substituent,
 5 an aryl group which may have a substituent, or a heterocyclic
 group which may have a substituent.

3. An electroluminescent element comprising:
 a pair of electrodes;
 10 a compound provided between said electrodes as host
 materials represented by the general formula 5:

Formula 5

15



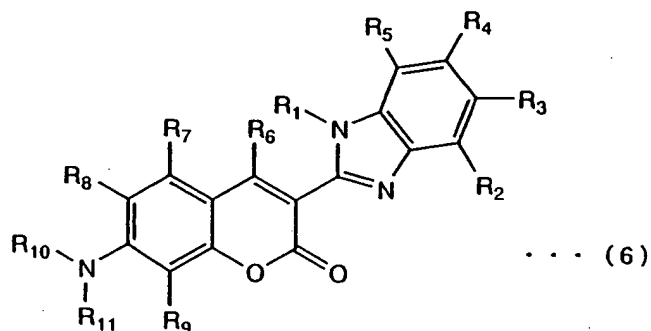
20

wherein R1 is a hydrogen atom, a lower alkyl group, an aryl group
 which may have a substituent, or a heterocyclic group which may
 have a substituent, and R2 to R5, each of which may be the same
 25 or different, are individually a hydrogen atom, a halogen atom,

a lower alkyl group, an alkoxy group, an acyl group, a nitro group, a cyano group, an amino group, a dialkylamino group, a diarylamino group, a vinyl group which may have a substituent, an aryl group which may have a substituent, or a heterocyclic group which may have a substituent;

and a compound provided between said electrodes as guest materials represented by the general formula 6:

Formula 6



15

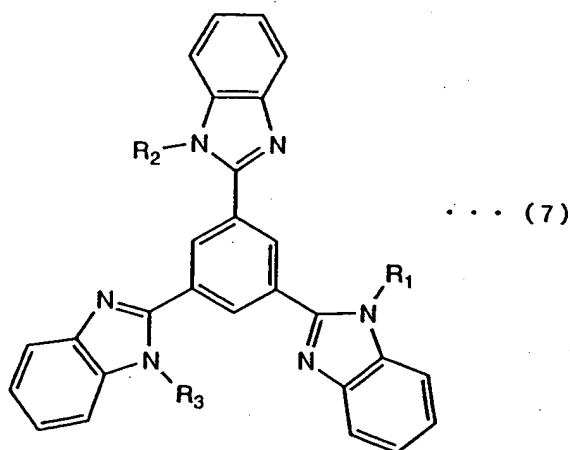
wherein R1 is a hydrogen atom, a lower alkyl group, an aryl group which may have a substituent, or a heterocyclic group which may have a substituent, R2 to R9, each of which may be the same or different, are individually a hydrogen atom, a halogen atom, a lower alkyl group, an alkoxy group, an acyl group, a nitro group, a cyano group, an amino group, a dialkylamino group, a diarylamino group, a vinyl group which may have a substituent, an aryl group which may have a substituent, or a heterocyclic

group which may have a substituent, and R10 and R11 are individually a hydrogen atom, a lower alkyl group, an aryl group which may have a substituent, or a heterocyclic group which may have a substituent. R8 and R10, R9 and R11 may be bonded each
5 other to form a substituted or nonsubstituted saturated six-membered ring.

4. An electroluminescent element comprising:
a pair of electrodes;
10 a compound provided between said electrodes as host materials represented by the general formula 7:

Formula 7

15



20

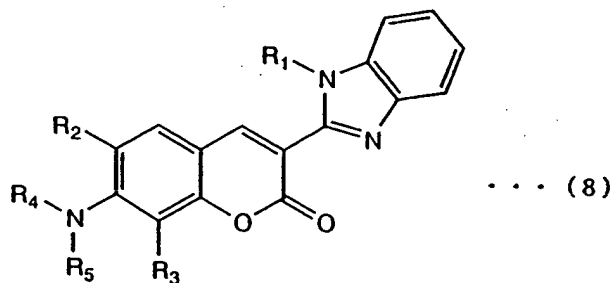
wherein R1 to R3, each of which may be the same or different, are individually a hydrogen atom, a lower alkyl group, an aryl group, or a heterocyclic group;

- 25 and a compound provided between said electrodes as guest

materials represented by the general formula 8:

Formula 8

5



10

wherein R₁ is a hydrogen atom, a lower alkyl group, an aryl group, or a heterocyclic group, R₂ and R₃, each of which may be the same or different, are individually a hydrogen atom, or a lower alkyl group, and R₄ and R₅, each of which may be the same or different, are individually a hydrogen atom, a lower alkyl group, an aryl group which may have a substituent, or a heterocyclic group which may have a substituent. R₂ and R₄, R₃ and R₅ may be bonded each other to form a substituted or nonsubstituted saturated six-membered ring.

20

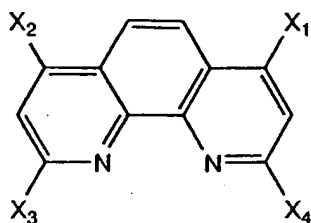
5. An electroluminescent element comprising:

a pair of electrodes; and

host materials and guest materials provided between said electrodes and having in their molecule skeletons represented

25 by the general formula 9:

Formula 9



... (9)

5

wherein X1 to X4, each of which may be the same or different,
are individually a hydrogen atom, a halogen atom, a lower alkyl
group, an alkoxy group, an acyl group, a nitro group, a cyano
10 group, an amino group, a dialkylamino group, a diarylamino group,
a vinyl group which may have a substituent, an aryl group which
may have a substituent, or a heterocyclic group which may have
a substituent.

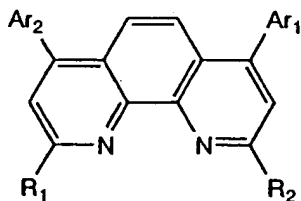
15

6. An electroluminescent element comprising:

a pair of electrodes;

a compound provided between said electrodes as host
materials represented by the general formula 10:

20 Formula 10



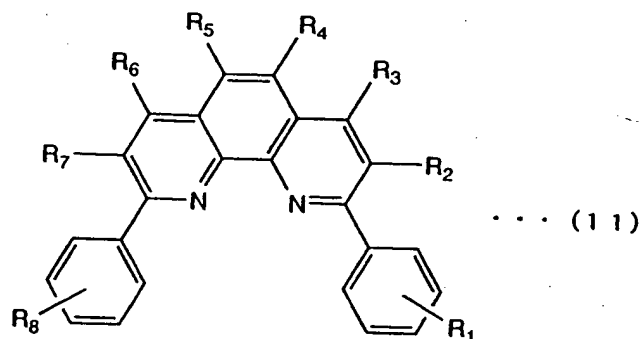
... (10)

25

wherein Ar1 and Ar2, each of which may be the same or different, are individually an aryl group which may have a substituent, or a heterocyclic group which may have a substituent, and R1 and R2, each of which may be the same or different, are individually a hydrogen atom, a halogen atom, a lower alkyl group, an alkoxy group, an acyl group, a nitro group, a cyano group, an amino group, a dialkylamino group, a diarylamino group, a vinyl group which may have a substituent, an aryl group which may have a substituent, or a heterocyclic group which may have a substituent;

and a compound provided between said electrodes as guest materials represented by the general formula 11:

Formula 11



wherein R1 to R8, each of which may be the same or different, are individually a hydrogen atom, a halogen atom, a lower alkyl group, an alkoxy group, an acyl group, a nitro group, a cyano group,

group, an amino group, a dialkylamino group, a diarylamino group, a vinyl group which may have a substituent, an aryl group which may have a substituent, or a heterocyclic group which may have a substituent.

5

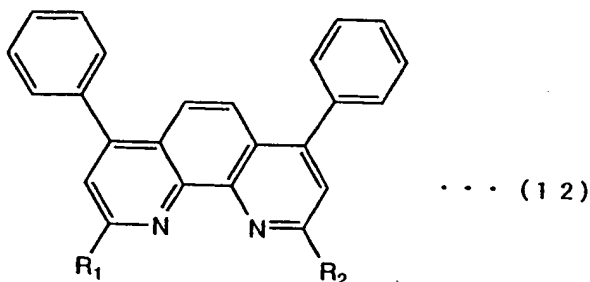
7. An electroluminescent element comprising:

a pair of electrodes;

a compound provided between said electrodes as host materials represented by the general formula 12;

10

Formula 12



15

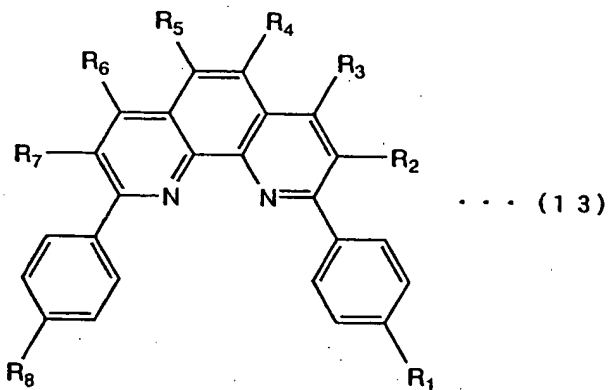
wherein R1 and R2, each of which may be the same or different, are individually a hydrogen atom, a halogen atom, a lower alkyl group, an alkoxy group, an acyl group, a nitro group, a cyano group, an amino group, a dialkylamino group, a diarylamino group, a vinyl group which may have a substituent, an aryl group which may have a substituent, or a heterocyclic group which may have a substituent;

20

25

and a compound provided between said electrodes as guest materials represented by the general formula 13:

Formula 13



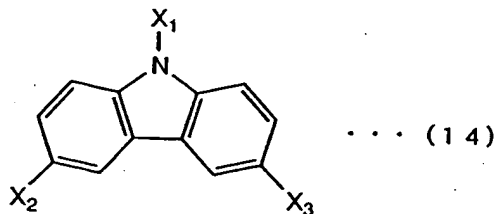
wherein R1 to R8, each of which may be the same or different, are individually a hydrogen atom, a halogen atom, a lower alkyl group, an alkoxy group, an acyl group, a nitro group, a cyano group, an amino group, a dialkylamino group, a diarylamino group, a vinyl group which may have a substituent, an aryl group which may have a substituent, or a heterocyclic group which may have a substituent.

20 8. An electroluminescent element comprising:
a pair of electrodes; and
host materials and guest materials having in their molecule skeletons represented by the general formula 14:

25

Formula 14

5



wherein X1 to X3, each of which may be the same or different,
10 are individually a hydrogen atom, a halogen atom, a lower alkyl
group, an alkoxy group, an acyl group, a nitro group, a cyano
group, an amino group, a dialkylamino group, a diarylamino group,
a vinyl group which may have a substituent, an aryl group which
may have a substituent, or a heterocyclic group which may have
15 a substituent.